

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	"ORR, DAVID"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 21:55
L2	0	"XTENDWAVE, INC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 21:55
L3	0	l1 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 21:57
L4	0	((communicat\$3 adj "pair") with (("first" or "second") with ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:01
L5	280720	((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:01
L6	0	l5 and ((communicat\$3 adj "pair") with (("first" or "second") with ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 21:57
L7	260	l5 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:02
L8	124	l7 and ((communicat\$3 with "pair") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 21:58
L9	3	l8 and ((cryptograph\$3 or encrypt\$3 or decrypt\$3 or "encryption/decryption") with ("transmitter-receiver" or "transceiver" or "transmitter/receiver"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:01
L10	1084	380/270	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:01

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L11	721	l10 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:06
L12	0	l11 and ((communicat\$3 adj "pair") with (("first" or "second") with ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:05
L13	0	l12 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:06
L14	1	l11 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:05
L15	163	380/248	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:05
L16	0	l15 and ((communicat\$3 adj "pair") with (("first" or "second") with ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:05
L17	0	l15 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:06
L18	88	l15 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:07
L19	1	l18 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:07
L20	2757	455/411	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:06
L21	0	l20 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:11

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L22	867	I20 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:11
L23	3	I22 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:11
L24	411	713/163	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:10
L25	309	I24 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:12
L26	0	I25 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:12
L27	1	I25 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:13
L28	224	380/273	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:12
L29	166	I28 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:15
L30	0	I29 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:15
L31	1	I29 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:15
L32	762	455/39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:14

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L33	160	I32 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:16
L34	1	I33 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:16
L35	0	I32 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:16
L36	2356	455/73	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:15
L37	0	I36 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:21
L38	389	I36 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:18
L39	0	I38 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:18
L40	54	340/318	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:18
L41	10	I40 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:21
L42	0	I41 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:21
L43	305	367/117	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:21

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L44	0	I43 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:23
L45	39	I43 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:22
L46	1	I45 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:23
L47	273	367/76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:22
L48	71	I47 and ((encrypt\$3 or encod\$3 or encipher\$3) with (message\$1 or "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:23
L49	0	I48 and ((communicat\$3 adj "pair") with (("first" or "second") and ("transmitter-receiver" or "transceiver" or "transmitter/receiver"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:23
L50	6	I48 and (communicat\$3 adj "pair")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/30 22:23

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communication pair with transmitter and receiver

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Patents

Patents 1 - 10 on communication pair with transmitter and receiver. (0.25 seconds)

Data communication network providing power and message information

US Pat. 5148144 - Filed Mar 28, 1991 - Echelon Systems Corporation

In other words, at this particular node the **communication pair** have been ...
first and second transformers coupled to said **transmitter and receiver**, ...

Ultrawide-band communication system and method

US Pat. 5677927 - Filed Sep 20, 1994 - Pulson Communications Corporation

(b). at the impulse radio **receiver** a template signal having a waveform designed to
... Another embodiment of the impulse radio **transmitter** according to the ...

Transformer coupler for communication over various lines

US Pat. 6104707 - Filed Mar 14, 1997 - Videocom, Inc.

In a third embodiment, the present invention is a **communication** apparatus for
... the **pair** of electrical lines and said first **transmitter and receiver** means ...

METHOD AND SYSTEM FOR LONG DISTANCE NAVIGATION AND COMMUNICATION

US Pat. 3384891 - Filed Feb 11, 1965 - General Electric Company

... with **transmitter and receiver** means for line-of-sight **communication** with ...
earth comprising a **pair** of spaced apart satellites in accurately defined ...

Radio communication network for remote data generating stations

US Pat. 5553094 - Filed Jul 7, 1994 - Iris Systems, Inc.

In operation, only the first **pair** of sensors is sampled continuously. ... The RCN
transmitter 418 and the RCN **receiver** 416 are coupled to the RCN antenna ...

Spread spectrum code-division-multiple-access (SS-CDMA) lightwave communication system

US Pat. 4703474 - Filed Feb 28, 1986 - American Telephone and Telegraph Company, AT&T Bell Laboratories

... drifting into the bandwidth being used by another **transmitter/receiver pair**.
... two-way **communication** channels at a relatively low data rate, eg, ...

Communication system for the transmission of closed circuit television over an ordinary pair of ...

US Pat. 4054910 - Filed Feb 26, 1976 - Tel-E-Tel, Inc.

... means having a **transmitter** compensation network coupled thereto, e.
said **transmitter and receiver** differential amplifier means each having a **pair** of ...

Spread spectrum wireless PBX

US Pat. 4672658 - Filed Oct 23, 1986 - AT&T Company and AT&T Bell Laboratories

1 shows a wireless PBX network comprising a 1 and then transmits it via its
transmitter 11 to **receiver** plurality of separate local user transceivers ...

Fast locking mechanism for channelized ultrawide-band communications

US Pat. 5832035 - Filed Dec 6, 1996 - Time Domain Corporation

In order to isolate the **transmitter and receiver**, FDMA uses frequency filters
... pulse repetition rates for each **pair** of transceivers that communicate in ...

Spread spectrum communications system for networks

US Pat. 5090024 - Filed Aug 23, 1989 - Intellon Corporation

Field of the Invention The synchronized **communication** characteristic of This ...

These techniques depend on the **transmitter and receiver** to follow the same ...

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Patents

Patents 21 - 30 on communication pair with transmitter and receiver. (0.08 seconds)

Method and apparatus for adaptive, variable bandwidth, high-speed data transmission of a ...

US Pat. 5479447 - Filed May 3, 1993 - The Board of Trustees of the Leland Stanford, Junior University

The **transmitter and receiver** are linked by a digital subscriber line (DSL) or other form of **communication** channel 26. Serial input data at a rate of b, OM/T ...

Method and apparatus for maximizing the transmission capacity of a multi-channel bidirectional ...

US Pat. 5023869 - Filed Mar 27, 1989 - Alberta Telecommunications Research Centre

3b, but illustrating having a **transmitter** input and a **transmitter** output, ...
delivering a signal received at the **transmitter** input to **receiver** during a ...

Method and means of operating a power line carrier **communication** system

US Pat. 5066939 - Filed Oct 4, 1989

The master and each extension TR unit each includes a **transmitter** and a ...
the RF input of said **receiver** unit and the other element connects to one **pair** of ...

Agile network protocol for secure communications with assured system availability

US Pat. 6502135 - Filed Feb 15, 2000 - Science Applications International Corporation

In the **receiver**, ckpt o 5 ("checkpoint old") is the IP **pair** that receives repeated
SYNC REQ packets from the **transmitter**. 2. In the **transmitter**, ckpt n ...

Stacked-carrier discrete multiple tone **communication** technology and combinations with code ...

US Pat. 6128276 - Filed Feb 24, 1997 - Radix Wireless, Inc.

The stacked-carrier spread spectrum radio **communication** devices shown in FIGS.
... Each **transmitter and receiver pair** in a zone tunes its corresponding ...

Repeated, multi-channel fiber optic **communication** network having fault isolation system

US Pat. 4451916 - Filed May 12, 1980 - Harris Corporation

Optical twisted **pair** wire link (the orderwire) which is coupled **receiver** unit
... link rather than the order- of the make up of optical **transmitter** 1603. ...

Method and apparatus for bifurcating signal transmission over in-phase and quadrature phase ...

US Pat. 5414728 - Filed Nov 1, 1993 - Qualcomm Incorporated

1 shows a block diagram of a conventional spread spectrum **transmitter**; FIG. ...
are separately transmitted by each **pair** of I and Q **communication** channels, ...

Transformer coupler for **communication** over various lines

US Pat. 5717685 - Filed Jun 2, 1995

A **communication** apparatus for communicating electrical signals through a **pair**
... between the electrical line and said first **transmitter and receiver** means ...

Transformer coupler for **communication** over various lines

US Pat. 5559377 - Filed Jul 1, 1994

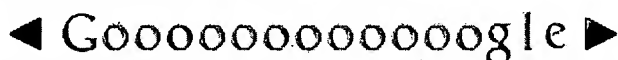
On the **receiver** side, Rr can be 5 equal or larger than the characteristic ...
Computer **Communication** through Power, Coaxial and Twisted **Pair** Lines The ...

Variable low frequency offset, differential, OOK, high-speed twisted pair communication

US Pat. 6449318 - Filed Aug 28, 2000 - TeleNetwork, Inc.

Decoupler 107 isolates the **receiver** from the twisted **pair** voltages and wiring.

... **transmitter** from a **receiver**, such as the **transmitter and receiver** of FIG. ...



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Scholarly articles for **communication pair with transmitter and receiver**



[Capacity of a mobile multiple-antenna communication link ...](#) - Marzetta -

Cited by 547

[Wireless Communication in a Fading Environment When ...](#) - Foschini - Cited by 1596

[On the Capacity of Radio Communication Systems with ...](#) - Winters - Cited by 238

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[PDF] [Capacity-achieving transmitter and receiver pairs for dispersive ...](#)

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IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, VOL. 2, NO. 6, NOVEMBER 2003. Capacity-Achieving Transmitter and Receiver Pairs. for Dispersive MISO Channels ...

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communication in the direction useramputer system ... beam between the transmitter and the receiver of. every optical pair goes parallels to the screen ...

ieeexplore.ieee.org/iel5/7290/19714/00913945.pdf - [Similar pages](#)

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[Correlated photon pair optical communications system - US Patent ...](#)

(a) it is arranged for communication of one bit per photon pair, and (b) the transmitter and receiver filtering means are arranged such that appropriate ...

www.patentstorm.us/patents/5418905-claims.html - 28k - [Cached](#) - [Similar pages](#)

[Cooperative diversity antenna switching on transmitter and ...](#)

Cooperative diversity antenna switching on transmitter and receiver side - US Patent 5799245 from Patent Storm. The pair of radio communication apparatuses ...

www.patentstorm.us/patents/5799245-claims.html - 31k - [Cached](#) - [Similar pages](#)

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[Transmitter-receiver and optical amplifier for optical ...](#)

A transmitter-receiver for optical communication according to claim 1, wherein said optical signal generation section is connected to that one of a pair of ...

www.freepatentsonline.com/5500763.html - 40k - [Cached](#) - [Similar pages](#)

[METHOD, TRANSMITTER AND RECEIVER FOR SPREAD-SPECTRUM DIGITAL ...](#)

Abstract of EP1311095 Method, transmitter and receiver for spread spectrum digital communication by Golay complementary sequence modulation.

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T=Barnsley&ModuleNo=22965&ma=Barnsley+-+Tran... - 61k - [Cached](#) - [Similar pages](#)

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A low cost hybrid **transmitter and receiver pair**. Operating in the 433MHz general purpose telecommand/telemetry band. Using AM modulation techniques these ...

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T=Thurrock+Superstore&ModuleNo=22965&ma=Thur... - 62k - [Cached](#) - [Similar pages](#)

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(WO/1998/002860) **TRANSMITTER-RECEIVER PAIR**

Title:, (EN) **TRANSMITTER-RECEIVER PAIR** (FR) EMETTEUR/RECEPTEUR

ACCOUPLE ... which is transmitted by the **transmitter** (100) via a radio **communication** link in ...

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[PDF] **Digital Communication Based on the Complexity of Chaotic LD ...**

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potential application in the **communication** field, in connection with remarkable ... dynamics of one LD-**transmitter/receiver pair**. The characteristics of a ...

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